

We claim:

1. An ink for producing a membrane electrode assembly for a fuel cell comprising a catalyst, an ionomer, water and an organic solvent, wherein
said organic solvent is at least one linear dialcohol with a flash point higher than
100°C and being present in the ink in a concentration between 1 and 50 wt.%, with
respect to the weight of water.
2. The ink according to Claim 1, wherein
said organic solvent is present in the ink in a concentration between 5 and 25 wt.%,
with respect to the weight of water.
3. The ink according to Claim 1 wherein said linear alcohol is a dihydric alcohol
wherein hydroxyl groups are not adjacent to each other.
4. The ink according to Claim 3 wherein said alcohol has a chain structure that is
aliphatic – CH₂ groups, optionally with oxygen atoms between said CH₂ groups.
5. The ink according to Claim 1, wherein said dialcohol is a member selected from
the group consisting of ethylene glycol, diethylene glycol, propylene glycol,
dipropylene glycol, butanediol and mixtures thereof.
6. A polymer electrolyte membrane coated with the ink of Claim 1.
7. A membrane electrode assembly with the ink of Claim 1.
8. A gas distributor substrate coated with the ink of Claim 1.